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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/657,712	09/09/2003	Jung-wan Ko	1793.1016	8743	
49455 7590 01/09/2007 STEIN, MCEWEN & BUI, LLP 1400 EYE STREET, NW			EXAMINER		
			HUBER, PAUL W		
SUITE 300 WASHINGTO	N, DC 20005		ART UNIT	PAPER NUMBER	
			2627		
	· •				
SHORTENED STATUTOR	RY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE		
3 MONTHS		01/09/2007	PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary		Application No.	Applicant(s)	Applicant(s)				
		10/657,712	KO ET AL.					
		Examiner	Art Unit					
			Paul Huber	2627				
Period fo	The MAILING DATE of this communic or Reply	ation app	ears on the cover sheet	with the correspondence	address			
WHIC - Exter after - If NO - Failu Any	ORTENED STATUTORY PERIOD FOR CHEVER IS LONGER, FROM THE MAINS IN A COUNTY OF THE MAINS OF THE MA	ILING DA 37 CFR 1.13 nication. tory period w II. by statute.	TE OF THIS COMMUN 6(a). In no event, however, may ill apply and will expire SIX (6) MC cause the application to become	IICATION. a reply be timely filed DNTHS from the mailing date of this ABANDONED (35 U.S.C. \$ 133)				
Status								
1)	Responsive to communication(s) filed	On						
			-· action is non-final.					
·	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is							
-,	closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.							
Dispositi	on of Claims			,				
4)⊠	Claim(s) 1-31 is/are pending in the app	plication						
	4a) Of the above claim(s) is/are withdrawn from consideration.							
	 □ Claim(s) 1-24 is/are allowed. 							
· · · · · · · · · · · · · · · · · · ·	☐ Claim(s) <u>25-31</u> is/are rejected.							
·								
8)□	Claim(s) are subject to restriction	on and/or	election requirement.		•			
Applicati	on Papers							
9)[The specification is objected to by the I	Examiner	•					
				o by the Examiner.				
	10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
	Replacement drawing sheet(s) including the							
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.								
Priority u	ınder 35 U.S.C. § 119							
12)⊠ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a)⊠ All b)□ Some * c)□ None of:								
	1. Certified copies of the priority documents have been received.							
	2. Certified copies of the priority documents have been received in Application No							
	3. Copies of the certified copies of the priority documents have been received in this National Stage							
application from the International Bureau (PCT Rule 17.2(a)).								
* See the attached detailed Office action for a list of the certified copies not received.								
Attachmen	t(s)							
1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413)								
2) Notic	e of Draftsperson's Patent Drawing Review (PTC	D-948)	Paper No	o(s)/Mail Date	•			
	nation Disclosure Statement(s) (PTO/SB/08) r No(s)/Mail Date		5) Notice of 6) Other:	Informal Patent Application				

Application/Control Number: 10/657,712

Art Unit: 2627

The specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

Claims 25-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ito et al. (USP-6,385,148) considered with Kim et al. (USP-6,922,802).

Ito et al. discloses a recording medium having a single layer in which a lead-in area 4, a data area 5, and a lead-out area 4 are sequentially formed. See figures 4 & 5, for example. A defect management area 4b on the recording medium is recorded in at least one of the lead-in area and the lead-out area. A temporary defect management area 22 (22a, 22b, 22c; see also figures 1C & 1D), which is present in at least one of the lead-in area 4 and the lead-out area, records information regarding a spare area 22c to enable defect management of the recording medium. See col. 10, line 34, through col. 13, line 31.

Ito et al. discloses the invention as claimed, but fails to specifically teach that the recording medium is a write once recording medium. However, Ito et al. does teach that the "disk 1 may be any type of information recording medium" (col. 9, lines 20-21). Kim et al. discloses that optical disks can be in the form of write once recording mediums, in the same field of endeavor, for the purpose of inexpensively recording information on an optical disk recording medium. See col. 1, lines 24-26.

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Ito et al. such that the recording medium is a write once type recording medium as taught by Kim et al. A

Art Unit: 2627

practitioner in the art would have been motivated to do this for the purpose of utilizing the relatively less expensive write-once type recording medium.

Claims 1-24 are allowed.

Any inquiry concerning this communication should be directed to Paul Huber at telephone number 571-272-7588.

Paul Huber Primary Examiner Art Unit 2627

pwh January 5, 2007